

Title of the course: Environmental quality management system	NEPTUN-code: RMWQM1EBNE	Weekly classes: <i>lecture+practical work+lab work</i> 2+2+0	Credit: 5 Exam type: e
Course leader: González Mastrapa Henry, Dr.	Position: college professor	Required preliminary knowledge (with Neptun code): none	
Curriculum:			
<p>The aim of the subject is to clarify the environmental thesaurus, the concept of the management system and the basics of the systems' operation.</p> <ul style="list-style-type: none"> • Implementation and requirements of environmental managements systems according to the ISO 14001 standard • Elements of the realization of EMS: environmental evaluations, system of environmental performance indices, environmental targets • Elements of preparation for emergencies, documentation • System of the European EMAS requirements in the organizational operation • Possibilities of integrating the systems • Risk assessments in EMS • SPC based control of environmental parameters • Planning and managing the process of projects aiming to improve environmental performance, project quality management 			
Professional competencies:			
<p>Knowledge of general and specific mathematical, natural and social scientific principles, rules, relations, and procedures as required to pursue activities in the special field of environment protection.</p> <p>Able to take part in environment expertise, advisory, and decision preparation work.</p> <p>Monitoring regulatory, technical, technological, and administrative changes related to the special field and enforcing them in their professional work.</p>			
Literature:			
1. EMAS			
2. ISO 14001, OHSAS 18001			
3. Moodle - https://elearning.uni-obuda.hu			